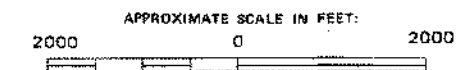
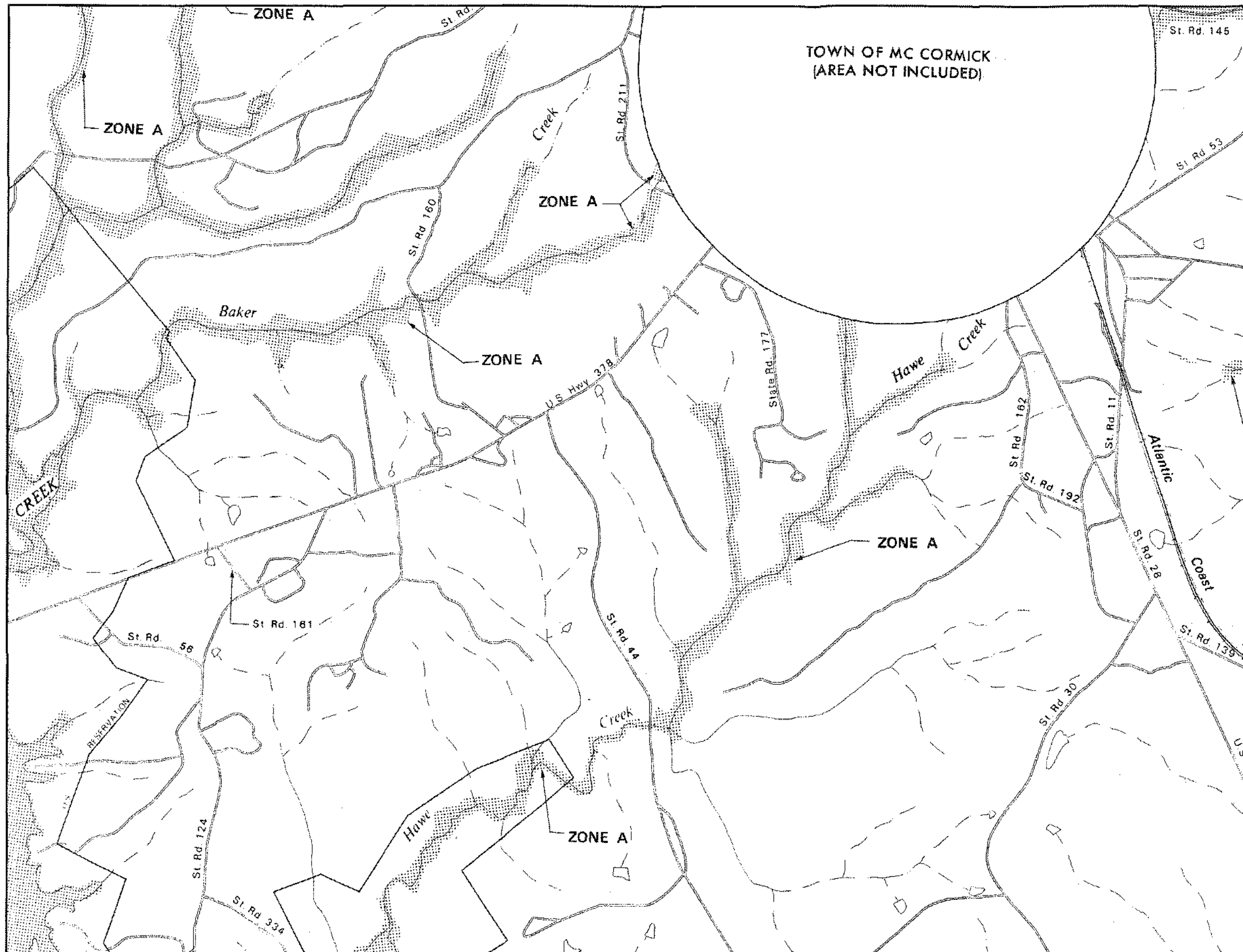


Project Note	
Date: January 21, 2008	Project Number: TTEMI-05-003-0019
Name: Shanna Davis Firm: Tetra Tech EM Inc. Title: Environmental Scientist Time: 1513 Signature: <i>Shanna Davis</i>	
Subject: Federal Emergency Management Agency (FEMA) Flood Zone Maps	
<p style="text-align: center;">PROJECT NOTE SUMMARY</p> <p>Attached are FEMA flood zone maps for unnamed tributaries of Hawe Creek as well as Hawe Creek located in McCormick, McCormick County, South Carolina. The FEMA flood zone maps were obtained from the following website:</p> <p>http://gis1.msc.fema.gov</p> <p>Also attached are the definitions of FEMA flood zone designations.</p>	
<p style="text-align: center;">RESPONSE REQUIRED</p> <p style="text-align: center;">(x) None () Phone call () Memo () Letter () Report</p>	
cc: File (x) Project Manager () Principal Investigator () Other (specify)	



FLOOD HAZARD BOUNDARY MAP

MC CORMICK COUNTY SOUTH CAROLINA UNINC. AREAS

PAGE 3 OF 6
(SEE MAP INDEX FOR PAGES NOT PRINTED)

EFFECTIVE DATE:
MARCH 3, 1978

CONVERTED BY LETTER
EFFECTIVE 10/1/89

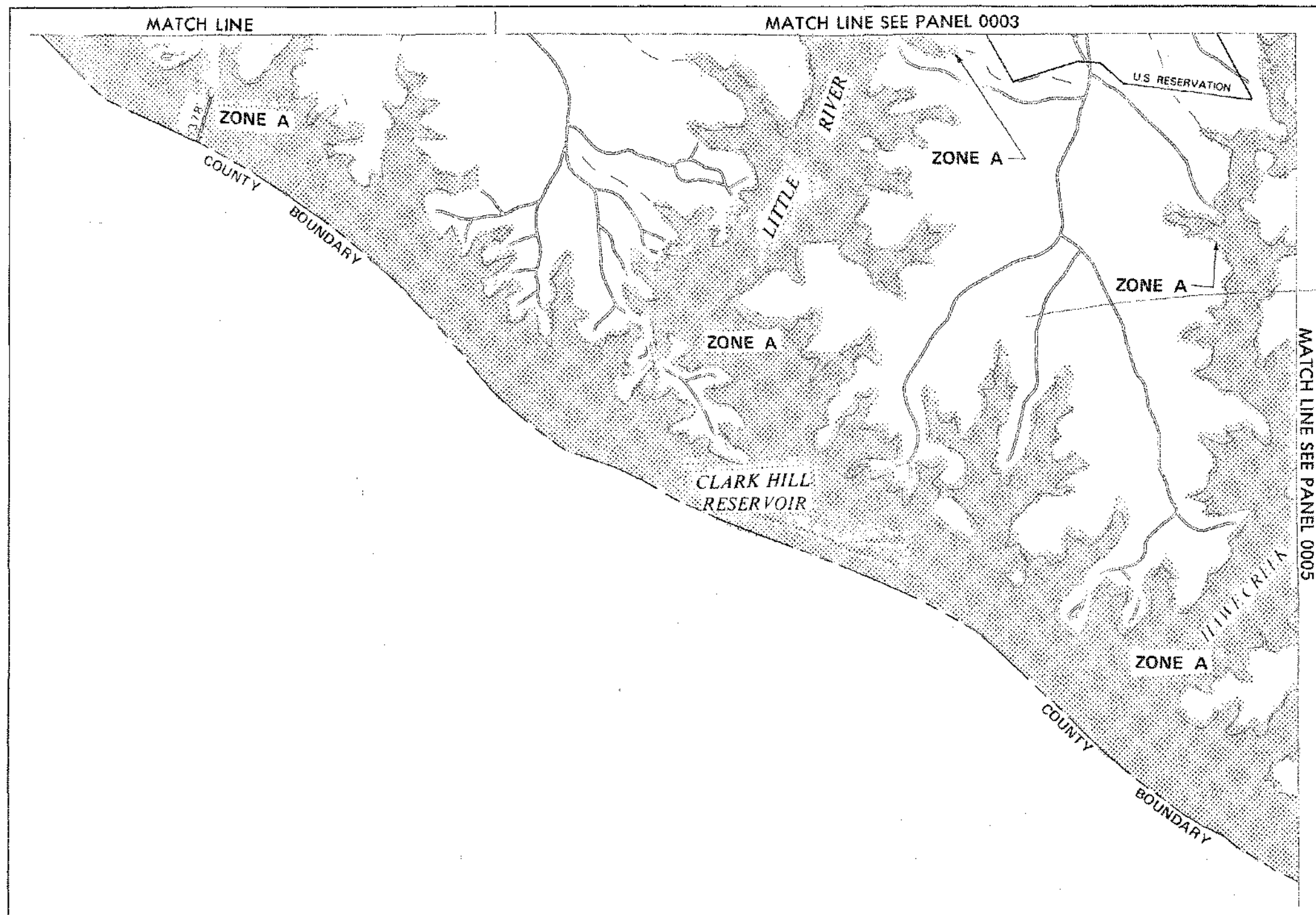
COMMUNITY—PANEL NUMBER
450226 0003 A



U.S. DEPARTMENT OF HOUSING
AND URBAN DEVELOPMENT
FEDERAL INSURANCE ADMINISTRATION

NET "B" PANEL 0002

This is an official copy of a portion of the above referenced flood map. It was extracted using F-MIT On-Line. This map does not reflect changes or amendments which may have been made subsequent to the date on the title block. For the latest product information about National Flood Insurance Program flood maps check the FEMA Flood Map Store at www.msc.fema.gov



INSET "B"

APPROXIMATE SCALE IN FEET:
2000 0

FLOOD HAZARD BOUNDARY MAP

MC CORMICK COUNTY
SOUTH CAROLINA
UNINC. AREAS

PAGE 2 OF 6
(SEE MAP INDEX FOR PAGES NOT PRINTED)

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U.S. DEPARTMENT OF HOUSING
AND URBAN DEVELOPMENT
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Home > FEMA Flood Zone Designations

Definitions of FEMA Flood Zone Designations

Flood zones are geographic areas that the FEMA has defined according to varying levels of flood risk. These zones are depicted on a community's Flood Insurance Rate Map (FIRM) or Flood Hazard Boundary Map. Each zone reflects the severity or type of flooding in the area.

Moderate to Low Risk Areas

In communities that participate in the NFIP, flood insurance is available to all property owners and renters in these zones:

ZONE	DESCRIPTION
B, C, and X	Areas outside the 1-percent annual chance floodplain, areas of 1% annual chance sheet flow flooding where average depths are less than 1 foot, areas of 1% annual chance stream flooding where the contributing drainage area is less than 1 square mile, or areas protected from the 1% annual chance flood by levees. No Base Flood Elevations or depths are shown within this zone. Insurance purchase is not required in these zones.

High Risk Areas

In communities that participate in the NFIP, mandatory flood insurance purchase requirements apply to all of these zones:

ZONE	DESCRIPTION
A	Areas with a 1% annual chance of flooding and a 26% chance of flooding over the life of a 30-year mortgage. Because detailed analyses are not performed for such areas; no depths or base flood elevations are shown within these zones.
AE, A1-A30	Areas with a 1% annual chance of flooding and a 26% chance of flooding over the life of a 30-year mortgage. In most instances, base flood elevations derived from detailed analyses are shown at selected intervals within these zones.
AH	Areas with a 1% annual chance of shallow flooding, usually in the form of a pond, with an average depth ranging from 1 to 3 feet. These areas have a 26% chance of flooding over the life of a 30-year mortgage. Base flood elevations derived from detailed analyses are shown at selected intervals within these zones.
AO	River or stream flood hazard areas, and areas with a 1% or greater chance of shallow flooding each year, usually in the form of sheet flow, with an average depth ranging from 1 to 3 feet. These areas have a 26% chance of flooding over the life of a 30-year mortgage. Average flood depths derived from detailed analyses are shown within these zones.
AR	Areas with a temporarily increased flood risk due to the building or restoration of a flood control system (such as a levee or a dam). Mandatory flood insurance purchase requirements will apply, but rates will not exceed the rates for unnumbered A zones if the structure is built or restored in compliance with Zone AR floodplain management regulations.
A99	Areas with a 1% annual chance of flooding that will be protected by a Federal flood control system where construction has reached specified legal requirements. No depths or base flood elevations are shown within these zones.

High Risk - Coastal Areas

In communities that participate in the NFIP, mandatory flood insurance purchase requirements apply to all of these zones:

ZONE	DESCRIPTION
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V	Coastal areas with a 1% or greater chance of flooding and an additional hazard associated with storm waves. These areas have a 26% chance of flooding over the life of a 30-year mortgage. No base flood elevations are shown within these zones.
VE, V1 - 30	Coastal areas with a 1% or greater chance of flooding and an additional hazard associated with storm waves. These areas have a 26% chance of flooding over the life of a 30-year mortgage. Base flood elevations derived from detailed analyses are shown at selected intervals within these zones.

Undetermined Risk Areas

ZONE	DESCRIPTION
D	Areas with possible but undetermined flood hazards. No flood hazard analysis has been conducted. Flood insurance rates are commensurate with the uncertainty of the flood risk.

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FEMA Map Service Center, P.O. Box 1038 Jessup, Maryland 20794-1038 Phone: (800) 358-9616